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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:

INVENTORS: Borran et al.

SERIAL NO.: 10/699,386

ART UNIT: 2631

FILED: October 31, 2003

EXAMINER:

TITLE: "Multiple-Antenna Partially Coherent Constellations for Multi-Carrier Systems"

ATTORNEY DOCKET NO.: 873.0130.U1(US)

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to Sections 609 and 707.05(b) of the MPEP and 37 CFR 1.97-1.99, the attached form PTO-1449 lists documents, which may be pertinent to the invention as claimed in the above-identified application. The references were made of record in/or cited by the Examiner for, commonly assigned U.S. Patent Application No. 10/671,346 entitled "Partially Coherent Constellations For Multiple-Antenna Systems" and U.S. Patent Application No. 10/678,546 entitled "Coded Modulation for Partially Coherent Systems" by Mohammad Jaber Borran et al., respectively.

The citation of these documents should not be construed as a representation that a thorough search has been made, or that other, more pertinent material is not available.

Respectfully submitted,

  
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail on the date shown below in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 25, 2005  
Date

Debra Pongetti

**INFORMATION DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO-1449)**  
(Substitute)

Docket No.: 873.0130.U1(US)

Applicant(s): Borran et al.

Filing Date: October 31, 2003

Group: 2631

**U.S. PATENT DOCUMENTS**

| Examiner Initials | Document Number<br>(Number-Kind Code) | Publication Date<br>(MM-DD-YYYY) | Name of Patentee or Applicant | Class | Sub-class |
|-------------------|---------------------------------------|----------------------------------|-------------------------------|-------|-----------|
|                   | US-2001/0031019 A1                    | 10-18-2001                       | Jafarkhani et al.             | 375   | 267       |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials | Document Number<br>(Country Code-Number-Kind Code) | Publication Date<br>(MM-DD-YYYY) | Name Of Patentee of Applicant | Translation?<br>Yes/No/n/a |
|-------------------|--|----------------------------------|-------------------------------|----------------------------|
|                   | - -  |                                  |                               |                            |
|                   | - -  |                                  |                               |                            |
|                   | - -  |                                  |                               |                            |
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|                   | - -  |                                  |                               |                            |
|                   | - -  |                                  |                               |                            |
|                   | - -  |                                  |                               |                            |

**OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)**

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Examiner's Signature:

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Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.  
Include a copy of this citation form with your next correspondence to the Applicant(s).